

# Human Inheritance Notes Review

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Group: \_\_\_\_\_ Section: \_\_\_\_\_

- 1) Identify three patterns of inheritance in humans. Give an example of a trait that follows each pattern.
- 2) How many human blood types are there? Summarize how blood type is inherited.
- 3) What are the functions of sex chromosomes?
- 4) Explain how red - green colorblindness is inherited. Why is the condition more common in males than in females?
- 5) Are a person's characteristics determined only by genes? Explain and give examples.

### Performance Task: Eye Dominance

One inherited trait is eye dominance - the tendency to use one eye more than the other. Mr. Landry is going to guide you through an activity to help you determine which eye is dominant for you.

\_\_\_\_\_ Left Eye

Right Eye \_\_\_\_\_

Number of students in class with left eye dominance: \_\_\_\_\_

Number of students in class with right eye dominance: \_\_\_\_\_

Number of student in class with left hand dominance: \_\_\_\_\_

Number of student in class with right hand dominance: \_\_\_\_\_

### Analyze & Conclude

1. Do you think eye & hand dominance are controlled by two alleles or more than two alleles? Explain your reasoning
2. Do you think there is a relationship between eye & hand dominance? Use your data above to support your answer.
3. What relationship do you think the environment plays when it comes to eye & hand dominance?